

USER MANUAL

Smart Storage Agitator

SST-A



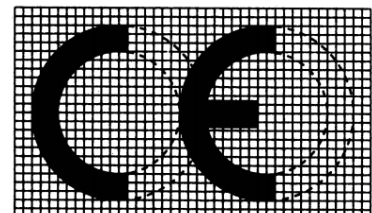
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1. General information to the user



1.1. Function of the Manual

The user manual must be read thoroughly and carefully before using.

This user manual informs you in a clear and detailed manner on how to use the SST-A and to carry out maintenance correctly and safely.

The illustrations and photos in this manual are representative of the SST-A.

This also applies to all actions, remarks and explanations contained in this manual.

All paper and electronic documentation relating to your SST-A must be retained for the life of your equipment.

1.2. Manual Recipient

This manual is for all users' groups in SST-A throughout its cycle of usage. All topics and important areas for different groups are treated.

1.3. Manual Plan

The structure of the chapters chronologically follows the various SST-A usage phases.

A chapter is dedicated to general safety. Please read this chapter.

1.4. User Tips

If this manual does not give you an answer in case of issues during the operation of the SST-A or if you have any questions concerning the use of the SST-A, do not hesitate to contact us at the following email address support@biolog-id.com

1.5. Additional Documents to this Manual

In parallel with this user manual the below is provided:

- Installation and maintenance instructions. **Note that the installation of the SST-A must be performed by a trained and authorized person by Biolog-id.**
- A manual for using the GUI (Graphical User Interface).

All these manuals are available only in paper format.

2. Presentation of the Smart Storage Agitator (SST-A)

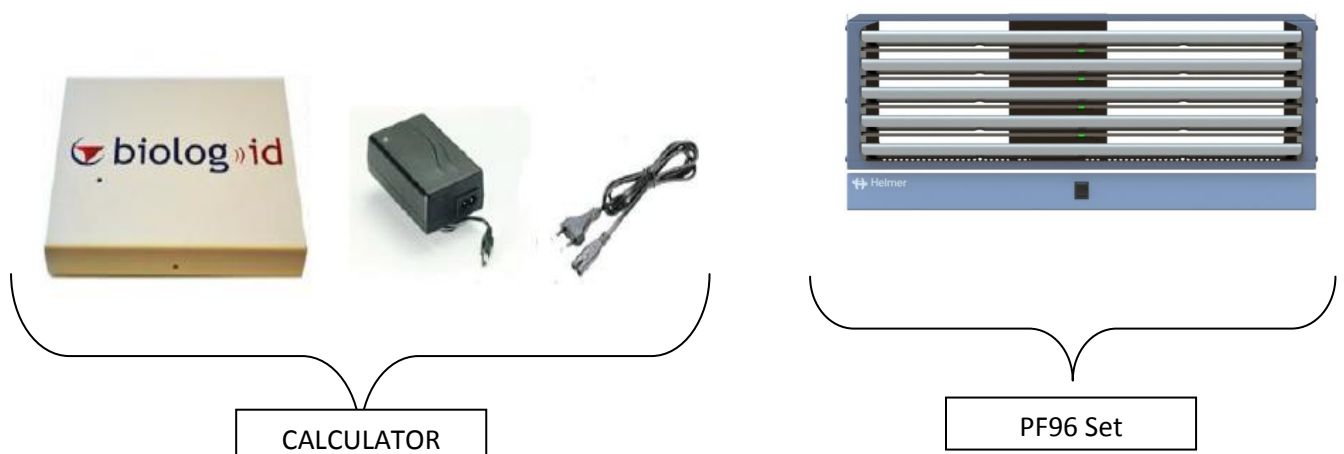
2.1. Claimed Use of SST-A

The SST-A is a class I medical device used as an accessory to the Helmer PF96 Blood Bank Platelet Agitator.

The SST-A is a Radio Frequency Identification (RFID) product applied to the traceability of Platelet Concentrate (PC) bags. It secures the storage of bags: the history of each bag is indeed recorded and accessible by a user. This system makes it possible to trace all the movements (entry and exit of a bag of a platelet agitator).

The SST-A constantly communicates with the RFID chips stuck on the CPC bags so that it can display a stock status.

Fig. Example of an SST-A Kit



The SST-A can also exchange and write data by communicating with a third-party software. The latter can then display the data relating to a bag (expiry date, movements).

2.2. Environmental characteristics of the Use of SST-A

The SST-A is designed for usage in hospitals.

The SST-A is used in a platelets agitator Helmer PF96 of blood bank specifically qualified to function with the medical device.



Fig. SST-A drawers set

The incubator / climatic chamber of the blood bank compatible with the SST-A manages the climatic aspects (temperature and hygrometry) of conservation of labile blood products. SST-A does not alter the performance of the platelet agitator or of the incubator in which the agitator can be placed.

The environmental characteristics of use of STT-A are specified in the table below. These must be respected in order to preserve the proper functioning of the SST-A.

Operating temperature	0 to 40°C (FYI: Alim Mascot: -25°C to + 40°C)
Storage temperature	SST-A kit: -10°C to 40°C Special recommendations should be taken for the storage of the two following components: Battery: 1 year: -20°C to 25°C 3 months: -20°C to 45°C 1 month: -20°C to 60°C Button cell: CR2032 Recommended: + 10°C to + 25°C (not to exceed 30°C)
Operating Humidity	40% RH to 95% RH
Maximum storage humidity	40% RH to 95% RH (FYI: CR2032 button Recommended: 40% RH to 95% RH)
Atmospheric pressure	700hPa
Min / max	1060hPa

2.3. Description of SST-A

This chapter details the different components of the SST-A as well as their function.

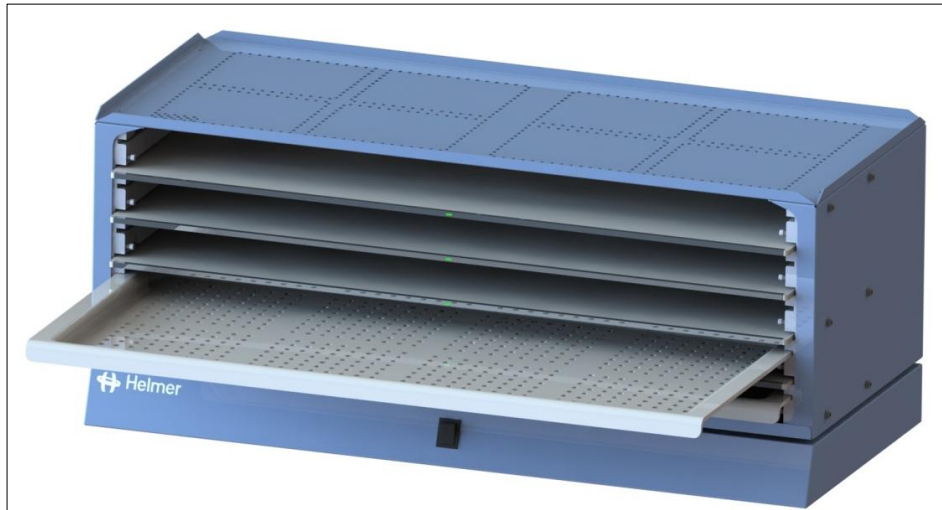


Fig. SST-A kit

2.3.1. Calculator and Power



Fig. Calculator and its Power supply set

The calculator in the SST-A system is responsible for managing data, queries and transferring information to higher-level applications (third-party software for example).

2.3.2. Drawer



Fig. Drawer

The drawer is the component for storing the PC bags.

2.3.3. Satellite

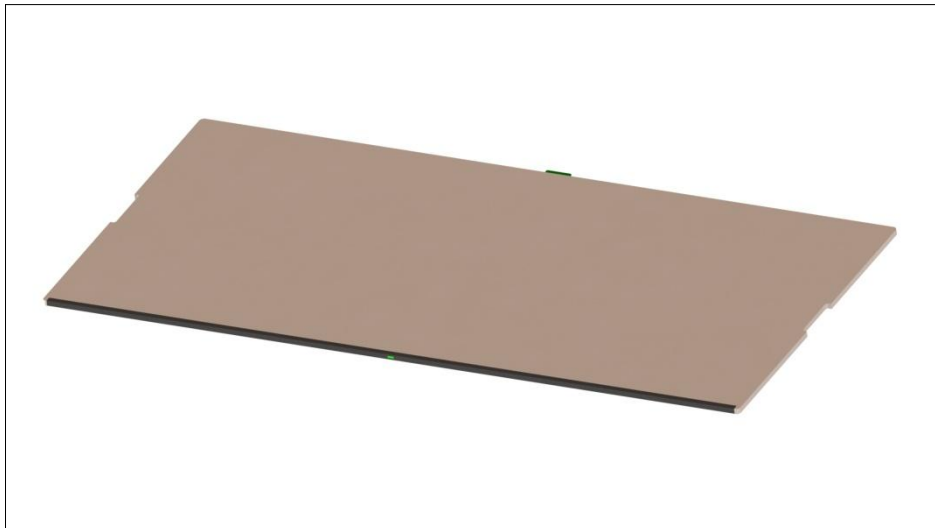


Fig. Satellite

An RFID satellite placed between two drawers allows the localization of PC bags. The satellite is a subset consisting of RFID antennas for communication with the RFID tag of the PC bag.

The operating principle of the RFID system is based on a transponder (RFID tags) and an interrogator (coupler). The latter is an active radiofrequency transmitter device that will activate the RFID tags located in the slot by providing them with the energy they need to operate. In addition to the energy, the interrogator sends particular commands to which the RFID tag responds. A simple command may be to return the matching donation number to a unique identifier.

2.3.4. Temperature sensor

The temperature sensor integrated in the SST-A is waterproof. It allows to measure the temperature of an area.



Fig. Temperature sensor

Only the temperature of the climatic chamber (incubator) is the reference. SST-A has no claimed performance regarding temperature.

The SST-A gives the temperature only as an indication. This function does not provide the safety associated with maintaining the storage temperature of platelet concentrates.

2.3.5. Agitation sensor

The Agitation sensor (accelerometer) integrated in the SST-A kit allows to record the shaking and stopping phases of the agitator.

2.4. Hardware and software compatibility

2.4.1. Agitator

The SST-A is only compatible with the Helmer PF96 agitator.

For more information, please contact the Biolog-id Quality Department at the following address: qualite@biolog-id.com

2.4.2. Climate chamber

The SST-A is compatible with all environmental chambers used for the storage of the PC bags if the platelets agitator is not an incubator.

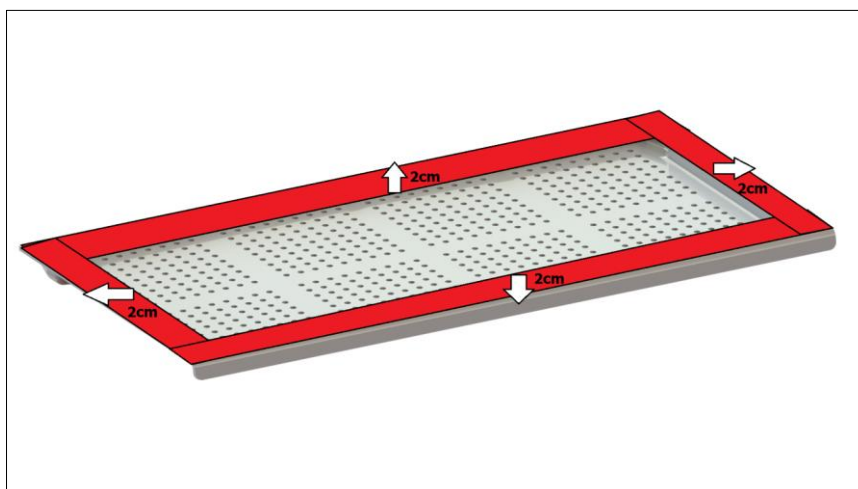
2.4.3. RFID tag.



Fig Platelet concentrate bag and RFID tag

The RFID tag is used to store product and patient data as well as PC bag traceability data.

You must place your RFID tag on the label of your bag so that the RFID tag cannot be within 2cm of the edges of the drawers of the SST-A (risk of non-detection of the RFID chip by the antenna of the drawer).



In red: area of non-detection of the tag

The RFID tags compatible with the SST-A are passive tags.

2.4.4. Third party software.

The SST-A can subscribe a third-party software and communicate via its web service to share / exchange PC traceability data (standard communication protocol). The third-party software can then request the SST-A to write data to the RFID tag memory.

In case of use of such software, compatibility validation will be performed.

The third-party system is responsible for interpreting the data received from the SST-A.

3. Using Smart Storage Agitator (SST-A)

This chapter aims to present the SST-A operation.

3.1. Implementation of PC bags in SST-A:



1 - Open a drawer

2 – Positioning of the PC bag in the drawer



Note: In diagnostic mode (verification of the operation of RFID and LEDs) the front of the satellite flashes.

PC bags can be placed in any direction: in the width or length of the drawer. The maximum number of PC bags allowed per drawer is 4 for large sizes and 8 for standard sizes.

The RFID tag must be placed on the label of the manufacturer of the bag containing the PC face up to a maximum height of 1.9 cm above the bottom of the drawer.

3.2. Using the Calculator

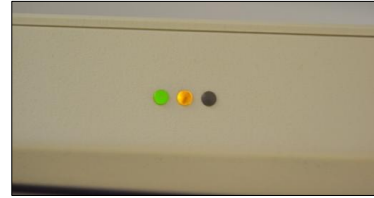
The calculator is outside of the incubator. On its facade, it has three types of LEDs, whose meanings are explained in this chapter.

Green LED on steady: The calculator is in normal and functional operation mode.

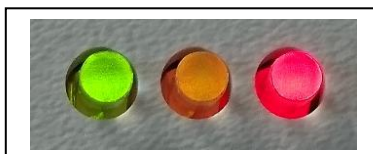
Green LED on blinking: The calculator is in maintenance and functional operation mode.

Orange LED on steady: The battery is charged.

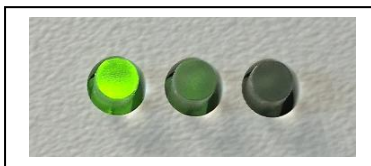
Orange LED on blinking: The battery is charging.



Red LED on: The calculator is in non-functional mode (out of order) or there is a disconnection to the network. Refer to "Chapter 6 - Level 1 Maintenance" of this manual



Green and red LEDs on: Network disconnection. Refer to "Chapter 6 - Level 1 Maintenance" of this manual

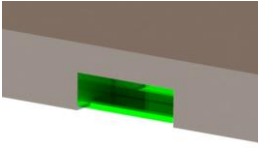
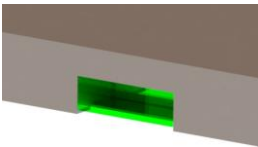


Green LED on only: The battery is no longer charging and potentially discharged. Check that the power cord is securely connected. Refer to "Chapter 6 - Level 1 Maintenance" of this manual

A battery built into the calculator box keeps the monitoring functions of the RFID electronics running in case of power interruption for less than 2 hours.

3.3. Status of the satellite LED

The satellites are placed between 2 drawers. On their front, they have a LED having 3 different colors whose meanings are explained in this chapter.

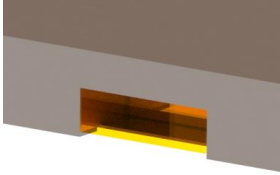
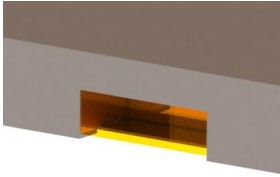
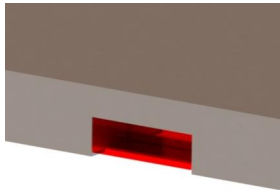
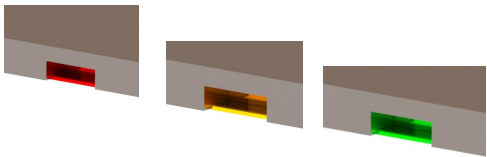
<p><u>Green LED on steady</u></p> 	<p>Normal mode. The equipment operates as designed.</p>
<p><u>Green LED on blinking</u></p> 	<p>Maintenance Mode (cleaning or technical intervention)</p>

In the event of a write failure on an RFID chip, an error message is returned to the request-initiated third-party system and the LED of one or two satellites lights up in orange.

If the RFID chip that could not be written is in:

- drawer # 1
 - o The LED of satellite # 1 is lit in orange
- drawer # 2
 - o The LED of satellite # 1 is lit in orange
 - o The LED of satellite # 2 is lit in orange
- drawer # 3
 - o The LED of satellite # 2 is lit in orange
 - o The LED of satellite # 3 is lit in orange
- drawer # 4
 - o The LED of satellite # 3 is lit in orange
 - o The LED of satellite # 4 is lit in orange
- drawer # 5
 - o The LED of satellite # 4 is lit in orange

The orange LED should be off if the write operation is working again or if the RFID tag is no longer present.

<p><u>Orange LED on steady</u></p> 	<p>An error occurs while writing an RFID chip with no hardware failure identified</p>
<p><u>Orange LED on blinking</u></p> 	<p>A drawer is left open more than 4 minutes</p>
<p><u>Red LED on</u></p> 	<p>Hardware failure (Antenna failure....)</p>
<p><u>Cycle green / orange / red</u></p> 	<p>5s on power up</p>
<p><u>Led off</u></p>	<p>Off or failure</p>

4. Safety instructions

This chapter details the safety precautions to be applied when using the SST-A.
Please read these instructions carefully

4.1. General safety



- Have all installation work and adjustments performed by qualified personnel only. Operations performed by persons lacking competence in this area may adversely affect the performance of the device and cause damage to property and body.
- Only qualified service technicians will be authorized to perform maintenance operations and repairs.
- Make sure that the power cord is not pinched or kinked when installing or moving the machine.
- Do not disassemble or modify system elements once the installation has been validated.
- Do not put an object other than insert bags on a drawer.
- Do not lean on a drawer.
- The SST-A cannot be stored or used outside the temperature and air pressure ranges specified in this manual (chapter 2.2)
- Do not cover the drawers of the SST-A and / or obstruct the air vents.
- The SST-A must be fixed in the Platelet agitator so that it cannot be disassembled without the use of a tool (as part of a maintenance operation).
- Never allow water or other liquids to enter the equipment to avoid the risk of short circuiting or oxidation of metal parts.
- The use of the SST-A is limited to trained and qualified personnel to work in a medical environment.
- Excluding maintenance activities (see installation and maintenance manual), do not disconnect the power supply (110 / 220Vac - 12Vdc), do not disconnect the cable between the calculator and the RFID module attached to the back of the unit, do not disconnect the Ethernet network cable.
- Do not disconnect satellite from the RFID card if the SST-A system is powered.




- The SST-A must only be used with the original accessories or original spare parts as these are the only accessories / spare parts whose reliability, safety and compatibility with our medical device have been checked.
- In all circumstances, follow the instructions of the safety signs affixed to the SST-A.
- The safety instructions on or adjacent to the SST-A must always be legible and complete throughout the life of the product. If, during the life of the SST-A, the safety signs are discolored or damaged, notify the Biolog-id support service (support@biolog-id.com).

- The agitator with the SST-A kit must be placed on a bench or in an incubator.
- It is forbidden to push the SST-A.
- It is forbidden to sit on a drawer.
- It is forbidden to go up and walk on a drawer.

RISK	SAFETY RULES
Contamination	Follow the cleaning instructions.
Handling	Operators must follow a training of a person authorized by Biolog-id to know the operation of the product and its documentation, and especially the safety instructions.
Electric	The connection cables of the power supply must be installed in accordance with the national regulations in force.
Electric	The machine-specific electrical voltages must be taken into account and compared to the voltages at the installation site on the nameplate before connecting the installation.
Electric	Follow the wiring diagrams of the machine.
Electric	Connect inevitably the device to a socket protected by a protective conductor.
Electric	To prevent the device from failing due to problems with other electrical appliances, it must be connected to a separate electrical circuit. You should not connect it with other electrical devices to a multiple socket under any circumstances.
Electric	Before connecting and commissioning the machine, check that the power supply is correctly connected. Make sure that the connection plug of the device is easily accessible so that it can easily be removed, if necessary, without having to push other devices. The socket plug serves as a disconnecting device for the network
Mechanical	Check the fasteners regularly. Ensure that only operators trained and familiar with security measures use SST-A. Draw the drawers only by the handle provided for this purpose.

4.2. Hazards of RF radiation

	<p>The antennas of the electronic system of the SST-A each emit their turn at a frequency of 13.56MHz and a power of 200mW (the law framing the design of RFID readers prohibits to exceed a power of 2W).</p>
	<p>ELECTROMEDICAL EQUIPMENT requires special precautions regarding EMC. The SST-A must be installed and put into service according to the EMC information provided by the ACCOMPANYING DOCUMENTS.</p>
	<p>Portable or mobile RF communications devices may affect ELECTROMEDICAL EQUIPMENT</p>
	<p>The use of ACCESSORIES, transducers and cables other than those specified, except for transducers and cables sold by the EQUIPMENT MANUFACTURER or EM SYSTEM as replacement parts for internal components, may result in an increase in EMISSIONS or a decrease in the IMMUNITY of the DEVICE or EM SYSTEM.</p>
	<p>The DEVICE or EM SYSTEM should not be used alongside other devices or stacked with them.</p>
<p>The DEVICE or the EM SYSTEMS may be interfered with by other devices, even if they comply with the CISPR EMISSION REQUIREMENTS.</p>	

Guidance and manufacturer's declaration - electromagnetic emissions		
The PRD-7150300A is intended for use in the electromagnetic environment specified below. The customer or user of the PRD-7150300A should ensure that it is used in such an environment.		
Emissions test	Conformity	Electromagnetic environment - guidelines
RF emission CISPR11	Group 1	The PRD-7150300A uses RF energy only for its internal functions. As a result, its RF emissions are very low and are not likely to cause interference in a nearby electronic device. The PRD-7150300A is suitable for use in any premises, including domestic premises and those directly connected to the public low-voltage power supply network supplying domestic buildings.
RF emission CISPR11	Class B	
Harmonic emissions IEC 61000-3-2	Class B	
Voltage fluctuations / Flicker IEC 61000-3-3	Suitable	

Guidance and manufacturer's declaration - electromagnetic immunity


The PRD-7150300A is intended for use in the electromagnetic environment specified below. The customer or user of the PRD-7150300A should ensure that it is used in such an environment.

immunity test	Test level IEC 60601	Level of conformity	electromagnetic environment - guidance
Electrostatic discharge (DES) IEC 61000-4-2	± 6 kV on contact ± 8 kV in the air	± 6 kV contact ± 8 kV air	The floors should be wooden, concrete or ceramic tiles. If floors are covered with synthetic materials, the relative humidity should be at least 30%.
Fast transients in bursts IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input / output lines	± 2 kV for power supply lines ± 1 kV for input / output lines	The quality of the power supply network should be that of a typical commercial or hospital environment.
Transient overvoltage IEC 61000-4-5	± 1 kV between phases ± 2 kV between phase and ground	± 1 kV between phases ± 2 kV between phase and earth	The quality of the power supply network should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on the electrical power input lines IEC 61000-4-11	<5% UT (> 95% of hollow UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (> 95% of hollow UT) for 5 s	<5% UT (> 95% of hollow UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (> 95% of hollow UT) for 5 s	The quality of the power supply network should be that of a typical commercial or hospital environment. If the PRD-7150300A user requires continued operation during power mains interruptions, it is recommended that the PRD-7150300A be powered from an uninterruptible power supply or a battery.
Magnetic field at the frequency of the electrical network (50/60 Hz) IEC 61000-4-8	3 A / m	3 A / m	Magnetic field at the frequency of the electrical network should have the characteristic levels of a representative location in a typical commercial or hospital environment.

NOTE UT is the AC mains voltage prior to application of the test level.

Guidance and manufacturer's declaration - electromagnetic immunity

The PRD-7150300A is intended for use in the electromagnetic environment specified below. The customer or user of the PRD-7150300A should ensure that it is used in such an environment.

Immunity test	Test level According to IEC 60601	Level of conformity	electromagnetic environment - guidelines
Conducted RF disturbances IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 V	<p>Portable and mobile RF communications devices should not be used closer to any part of the PRD-7150300A, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance $d = 1.17 \sqrt{P}$ $d = \sqrt{P} \cdot 1.17$ 80 MHz to 800 MHz $d = \sqrt{P} \cdot 2.34$ 800 MHz to 2.5 GHz</p>
Radiated RF disturbances IEC 61000-4-3	3 V / m 80 MHz to 2.5 GHz	3 V / m	<p>where P is the maximum output power characteristic of the transmitter in watts (W), according to the manufacturer of the transmitter and d is the recommended separation distance in meters (m). The field strengths of fixed RF transmitters determined by electromagnetic field investigation ^a should be less than the compliance level in each frequency range. ^b Interference may occur near the device marked with the following symbol:</p> 

NOTE 1 At 80 MHz and 800 MHz, the highest frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by the absorption and reflection of structures, objects and people.

^a The field strengths of fixed transmitters, such as base stations for radiotelephones (cellular / wireless) and land mobile radios, amateur radio, AM and FM broadcasting, and TV broadcasting, cannot be theoretically predicted accurately. To evaluate the electromagnetic environment due to fixed RF transmitters, an on-site electromagnetic investigation should be considered. If the field strength, measured at the location where the PRD-7150300A is used, exceeds the applicable RF compliance level above, the PRD-7150300A should be observed to verify normal operation. If abnormal performance is observed, additional measures may be required, such as reorienting or repositioning the PRD-7150300A.

^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V / m.

Recommended separation distances between mobile phone and RF communications equipment and the PRD-7150300A

The PRD-7150300A is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or user of the PRD-7150300A may help prevent electromagnetic interference by maintaining a minimum distance between the portable and mobile RF communications device (transmitters) and the PRD-7150300A, as recommended below, according to the maximum transmit power of the communications apparatus.

Maximum power output assigned to the transmitter W	Separation distance according to the frequency of the transmitter		
	150 kHz to 80 MHz <i>d = √ P 1.17</i>	80 MHz to 800 MHz <i>d = √ P 1.17</i>	800 MHz to 2.5 GHz <i>d = √ P 2.34</i>
0.01			
0.1	0.37M	0.37M	0,74m
1			
10			
100			

For transmitters whose rated maximum transmit power is not given above, the recommended separation distance d in meters (m) can be estimated using the frequency equation for the transmitter, where P is the maximum transmit power characteristic of the transmitter in watts (W), depending on the manufacturer of the latter.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by the absorption and reflection of structures, objects and people.

The PRD-7150300A uses the 13.56 MHz frequency.

The frequency band is 13.553 - 13.567Mhz in accordance with ISO 15693. The modulation is of the ASK type, the RF mode is TX / RX.

The apparent power is 100mW.

4.3. Cons-indications

As a prevention, it is advisable for people with a pacemaker not to use the SST-A.

4.4. Warning for users in United States

**Federal Communication Commission Interference
Statement 47 CFR Section 15.105(b)**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NO UNAUTHORIZED MODIFICATIONS

47 CFR Section 15.21

CAUTION: This equipment may not be modified, altered, or changed in any way without signed written permission from Biolog-id. Unauthorized modification may void the equipment authorization from the FCC and will void the Biolog-id warranty.

This device complies with FCC RF radiation exposure limits set forth for general population (uncontrolled exposure). This device must be installed to provide a separation distance of at least 20cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

5. Cleaning Instructions

This chapter explains the procedure for cleaning the SST-A.

For proper operation, clean the SST-A at least once a month and more if necessary.

Only personnel qualified by the establishment are authorized to clean the SST-A. Cleaning personnel should be aware of the operation of the SST-A and its documentation, especially the safety instructions.

The cleaning must be done as follows;

- ✓ Put the SST-A in maintenance mode.
- ✓ Move the bags into another agitator.
- ✓ Use a chemically compatible spray product with SST-A component materials, combining cleaning and disinfecting and scrubbing with a soft cloth




Fig. 1. Apply the disinfectant detergent spray to the area to be treated or to a nonwoven wipe.



Fig.2. Distribute the product

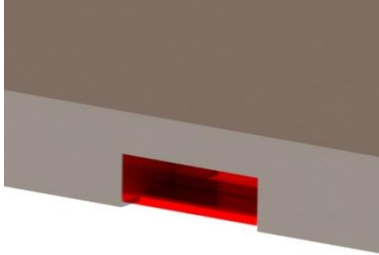


To clean and maintain the proper functioning of the SST-A, we advise you to follow the instructions below.

	<p>Before each cleaning, make sure to put the SST-A in maintenance mode (see GUI manual).</p>
	<p>Risks of material damage caused by the use of unsuitable cleaning utensils, high-pressure cleaner or water spray or under pressure.</p>
	<p>Do not use cleaning products containing:</p> <ul style="list-style-type: none"> -Acids and halogenated compounds (chlorides, bromides, iodides) -Strongly acidic salts, e.g. descaler based on formic acid and amino sulfonic acid. - Pipeline stripper, hydrochloric acid, silver cleaner. - Chlorine. - Abrasive and scouring components (scouring powder, steel wool) - Polishing products, waxes, bleaching agents.
	<p>It is imperative to observe the instructions of the manufacturer of the cleaning agent used with regard to temperature, dosage, time of action, etc.</p>

After all the cleaning operations: verify that the unit is operational.

6. First Level Maintenance

This chapter describes the first-level failures, which you can meet when using the SST-A.

		Actions to be taken
<p>Appearance of a red indicator on the facades of satellites</p> <p>There is potentially no traceability at the location where the indicator is red</p>		<ol style="list-style-type: none"> 1 Move the bags to a functional location 2 Notify maintenance reference personnel for corrective maintenance intervention.
<p>Appearance of red indicator on the facade of the calculator</p>		<p>Notify maintenance reference personnel for corrective maintenance intervention.</p>
<p>Appearance of red and green indicators on the front of the calculator</p>		<p>Notify maintenance reference personnel for corrective maintenance intervention.</p>

When a red LED appears, try to detect the cause of the fault and eliminate it as soon as possible.

Red LED on satellite	
Possible causes	Action
Unable to write	Moving the bags to another location and try again
The drawer has been open for more than 4 minutes	Close the drawer
No communication with the calculator	Switch to maintenance mode and then restart the calculator

Red LED calculator	
Possible causes	Action
Loss of communication on the CAN bus	Switch to maintenance mode and reboot the calculator
CAN bus power shorted	Switch to maintenance mode and reboot the calculator
Calculator probe disconnected from the RFID card	Connect the temperature probe
Ethernet network disconnected	Disconnect and connect the Ethernet cable
Insufficient SD Card memory space	Verify that a notification has been sent to the third-party system. Contact the administrator.
Power failure of at least one drawer	Verify that a notification has been sent to the third-party system. Contact the administrator.
Battery charger Failure	Verify that a notification has been sent to the third-party system. Contact the administrator.

Contact the supplier of your device in case of malfunction. Do not repair or modify the device without prior authorization from Biolog-Id. Any maintenance operation must be preceded by an SST-A mode change to enter maintenance mode (see GUI Manual).

7. Warranty

Any non-compliance with the recommendations will result in a breach of the warranty.

8. Transport

Upon receipt of the SST-A, check that it has not been damaged during transport. If you notice any transport damage, immediately contact the carrier or your dealer with the delivery note or the purchase order.
Packaging example:



SST-A Kit set



RFID Card pack



Calculator pack

9. Manufacturer Responsibility

The manufacturer's responsibility will not be held liable in case of:

- Non-compliance with manufacturer's recommendations on the installation.
- Intervention or repairs made by unauthorized persons by the manufacturer.
- Use on an electrical installation that does not conform to the regulations in force regulations.
- The uses other than those specified in this manual
- Use of accessories (RFID chip temperature sensor ...) other than those provided by Biolog-Id

10. Life time

Under the conditions of use and recommended maintenance, the service life is 10 years.

11. Disposal and recycling

As electrical and electronic equipment, the disposal of the medical device must be carried out according to a specialized system of collection, removal, and recycling or destruction.



The recycling of the machine must comply with national regulations.

The legislation of the European Union member states prescribed to collect electrical and electronic equipment separately from unsorted municipal waste.

The product, including accessories, batteries and batteries should not be thrown in the garbage to be recycled.

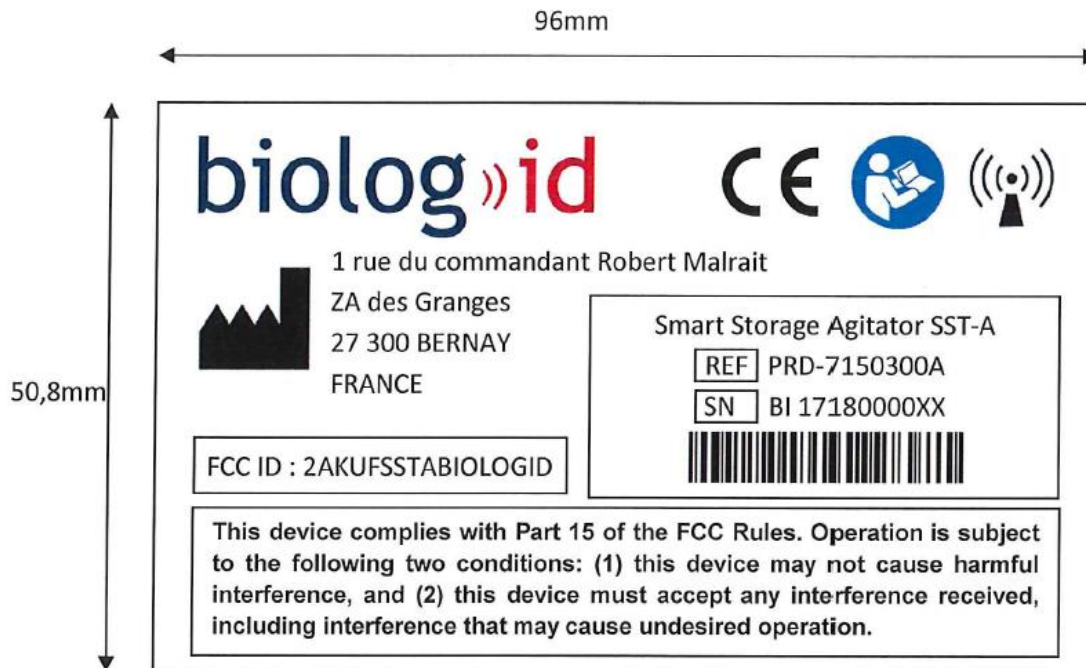
The batteries must be removed before disposing of the machine or discard and must be disposed of in local collection boxes provided for this purpose.

12. Product identification

The product label below is affixed to each calculator box.

Référence étiquette AVERY : L6012-20

Format: 96 x 50,8mm



Detail of serial number BI 16450000XX

- Supplier index: 2 letters: BI (index assigned to each supplier and provided by BIOLOG_ID: BI for Biolog-Id).
- Year: 2 characters: 00 to 99: 16 for 2016
- Week: 2 characters: 01 to 53: 45 for week 45
- Serial number: 6 characters: 000001 to 999999

Reset to 1 only when the maximum value is reached or indicated by Biolog-Id.